

NANOPARTZ™

The gold nanoparticle for nanotechnology

Certificate of Analysis

Product Family	Nanopartz Gold Nanorod
Product Number	A12-10-650-CTAB
Lot #	F32102D
Form	Gold Colloid
Capping Agent	CTAB
Solution	18MEG DI Water

SPR Peak	nm	measured	UV/VIS	665
SPR Abs	OD	measured	UV/VIS	1
LSPR Peak	nm	measured	UV/VIS	518
LSPR Abs	OD	measured	UV/VIS	0.7
pH		measured	Expt.	6
Zeta Potential	mV	measured	DLS	44
Diameter	nm	measured	TEM	10
Length	nm	measured	TEM	26
Aspect Ratio		calc		2.6
Concentration	nps/mL	calc		1.0E+12
Concentration	mg/mL	calc		0.035
CTAB	mM	measured		15

Date	1/3/2017
Exp Date	7/2/2017

Alex Schoen, Manager Quality Control

